Kiara Melocoton

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Education

University of British Columbia   **Vancouver, BC**
Bachelor of Science, Major in Computer Science   *Expected Graduation: May 2024*
- Extracurriculars: Member of UBC's Computer Science Student Association

Langara College   **Vancouver, BC**
Associate of Science, Major in Computer Science   *Sept. 2020 - May 2021*
- **Relevant Courses:** Data Structures & Algorithms, Object-Oriented Programming Design
- Extracurriculars: Member of Langara Computer Science Club & Electronic Sports Association
- Awards: 49Women in Science Bursary, Dean's Honour Roll

Work Experience

University of British Columbia, Department of Medical Genetics   **Vancouver, BC**
Python Training Assistant (Upcoming WorkLearn)   *Sept. 2021 - May 2022*
- Will be creating a curriculum to introduce Python using Raspberry Pi to high school students.

BestBuy Canada   **Guelph, ON**
Computer Sales Advisor   *Oct. 2018 - Feb. 2021*
- Communicated with clients directly to provide product knowledge and recommendations for services
- Mentored colleagues on sales practices and techniques to work towards a common team sales goal
- Worked independently with minimal supervision in a fast-paced, team-oriented environment
- Consistently met monthly sales goals for Geek Squad services in the Computer Sales Department, converting a significant portion of customers into yearly subscription members

Project Highlights

Seat Availability Bot   **Java**
HTTPS://GITHUB.COM/KCOTON/WAITLISTNOTIFIERUBC   *Jul. 2021*
- Developed a webscraper bot using JSoup library to retrieve information from a URL on a timed thread loop
- Utilized JavaFX to create an interactive UI using SceneBuilder, Stages, Inputs, and EventHandlers
- Implemented Google Mail's API to send an email notification when conditions of course availability are met

Waitlist Simulator   **C++**
HTTPS://GITHUB.COM/KCOTON/LANGARACOLLEGE/TREE/MAIN/WAITLIST-SIMULATOR   *Jun. 2021*
- Built a priority queue using own implementation of a linked list to simulate an ER waiting room
- Patients are inserted in sorted priority and dequeued with highest priority, followed by first-come basis

HTML Validator   **C++**
HTTPS://GITHUB.COM/KCOTON/LANGARACOLLEGE/TREE/MAIN/HTML-VALIDATOR   *Jun. 2021*
- Implemented a stack to validate lines of simple HTML syntax tags and grammar from an inputted file
- Invalid code displays the specific error reason and line number it was found on

Skills and Interests

Technical: Java, C++, HTML, CSS, Python   **Interests:** Video Editing, Reading, Cooking